

Notice of Allowability

Application No.

09/930,780

Examiner

Ashok B. Patel

Applicant(s)

EWING ET AL.

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/07/2005.
2. ☒ The allowed claim(s) is/are 10-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



JEFFREY PWU
PRIMARY EXAMINER

DETAILED ACTION

1. Claims 10-32 are allowed.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Robert C. Ryan on 12/19/2005.

3. The application has been amended as follows:

In the Specification:

- a. Please replace the paragraph beginning at page 1, line 6, with the following paragraph:

This Application is a continuation-in-part of United States Patent Application serial number 09/732,557, filed 12/08/2000, titled NETWORK-CONNECTED POWER MANAGER FOR REBOOTING REMOTE COMPUTER-BASED APPLIANCES, ~~that is a continuation-in-part of United States Patent Application serial number 09/375,471, filed 08/16/1999, titled REMOTE POWER CONTROL SYSTEM THAT VERIFIES WHICH DEVICES IS SHUT-DOWN BEFORE SUCH ACTION IS COMMITTED TO,~~ which in turn ~~is a continuation-in-part of United States Patent Application Serial number 08/685,436, that was filed on 7/23/1996 and is titled, SYSTEM FOR READING THE STATUS AND CONTROLLING THE POWER SUPPLIES OF APPLIANCES~~

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~~CONNECTED TO COMPUTER NETWORKS, and now United States Patent 5,949,974, issued 09/07/1999.~~

In the claims:

a. Claim 10. (Currently amended) An electrical power distribution plugstrip ~~of the type for providing power~~ connectable to one or more electrical loads in a vertical electrical equipment rack, the electrical power distribution plugstrip comprising in combination:

A. a vertical strip enclosure having a thickness, and a length ~~that is longer~~ than a width of the enclosure;

B. a power input penetrating said vertical strip enclosure;

C. a plurality of power outputs disposed along a face of said length of the strip enclosure, each among the plurality of power outputs being connectable to a corresponding one of said one or more electrical loads;

D. a plurality of power control relays disposed in said vertical strip enclosure, each among said plurality of power control relays being connected to ~~independently control power from said power input~~ and in independent power controlling communication with ~~to~~ one or more corresponding power outputs among said plurality of power outputs;

E. a current-related information user display disposed on said vertical strip enclosure ~~and adjacent to the plurality of power outputs~~ in current-related information-determining communication with at least one among said power input and said plurality of power outputs; ~~said user display providing information to a user, the information being related being related to~~

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~~the amount of current flowing through at least one among the power input and said plurality of power outputs; and~~

F. a current-related information reporting system associated with said vertical strip enclosure and being (i) in current-related information-determining communication with at least one among said power input and said plurality of power outputs, and (ii) connectable in current-related information transfer communication with a separate communications network distal from the electrical power distribution plugstrip.

b. Claim 15. (Currently amended) The electrical power plugstrip of claim 10 wherein the user current-related information display is in current determining communication with all among the plurality of power outputs through at least one current sensing device.

c. Claim 16. (Currently amended) The electrical power plugstrip of claim 13 wherein the user current-related information display is in current determining communication with all among the plurality of power outputs through at least one current sensing device.

d. Claim 17. (Currently amended) The electrical power plugstrip of claim 14 wherein the user current-related information display is in current determining communication with all among the plurality of power outputs through at least one current sensing device.

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e. Claim 24. (Currently amended) An electrical power distribution plugstrip ~~of the type for providing power~~ connectable to one or more electrical loads in a vertical electrical equipment rack, the electrical power distribution plugstrip comprising in combination:

A. a vertical strip enclosure having a thickness, and a length ~~that is~~ longer than a width of the enclosure;

B. a power input penetrating said vertical strip enclosure;

C. a plurality of power outputs disposed along an area on a face of said length of the strip enclosure, each among the plurality of power outputs being connectable to a corresponding one of said one or more electrical loads;

D. a plurality of power control relays disposed in said vertical strip enclosure, each among said plurality of power control relays being connected to ~~independently control power from~~ said power input and to one or more corresponding power outputs among said plurality of power outputs; and

E. a digital current information display disposed on another area of said vertical strip enclosure and adjacent to said plurality of outputs in ~~information~~ current-determining communication with at least one among said power input and said plurality of power outputs, ~~said digital display providing information to a user, the information being related to the amount of current flowing through at least one among the power input and said plurality of power inputs; and~~

F. a plugstrip current reporting system (i) associated with the vertical strip enclosure (ii) in power information determining communication with at least one among said power input and said plurality of power outputs, and (iii) communicably connectable with a distal current reporting system through a communications network external to the electrical power distribution plugstrip.

REASONS FOR ALLOWANCE

4. The following is an examiner's statement of reasons for allowance:

None of the prior arts of record teach or suggest the claimed limitation with respect to an electrical power distribution plugstrip connectable, to one or more electrical loads in a vertical electrical equipment rack, the electrical power distribution plugstrip that has the combination of a plurality of power control relays disposed in vertical strip enclosure, each among the plurality of power control relays being connected to power input and in independent power controlling communication with one or more corresponding power outputs among said plurality of power outputs; a current-related information display disposed on vertical strip enclosure in current-related information-determining communication with at least one among said power input and said plurality of power outputs; and a current-related information reporting system associated with said vertical strip enclosure and being (i) in current-related information-determining communication with at least one among said power input and said plurality of power outputs, and (ii) connectable in current-related information transfer communication with a separate communications network distal from the electrical power distribution plugstrip along with the other

limitations included in the claim. None of the prior arts of record teach or suggest the claimed limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (571) 272-3972. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A. Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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A handwritten signature in black ink, appearing to read "Jeffrey PWU", written in a cursive style.

JEFFREY PWU
PRIMARY EXAMINER